

Title (en)

Method and system for dental implant path planning

Title (de)

Verfahren und System für die Wegplanung eines Zahnimplantats

Title (fr)

Procédé et système de planification de chemin d'implant dentaire

Publication

EP 2774577 A3 20151118 (EN)

Application

EP 14158364 A 20140307

Priority

TW 102108117 A 20130307

Abstract (en)

[origin: EP2774577A2] A method for dental implant path planning is applied to a computer displaying a planning interface having a jaw image zone, a cross-section image zone and a reference zone, and comprises steps of: displaying a jaw image in the jaw image zone; generating a dental arch according to the jaw image; labeling an implant position in the jaw image; lapping an implant image over the jaw image according to the implant position; displaying at least two cross-section images in the cross-section image zone according to the implant image and the jaw image; displaying a plurality of characteristic values in the reference zone according to a plurality of characteristic distances in the cross-section images; and adjusting the position of the implant image relative to the jaw image by referring to the cross-section images or the characteristic values.

IPC 8 full level

A61B 19/00 (2006.01); **A61C 13/00** (2006.01)

CPC (source: EP US)

A61B 34/10 (2016.02 - EP US); **A61C 13/0004** (2013.01 - EP US); **G06F 30/00** (2020.01 - US); **A61B 2034/102** (2016.02 - EP US); **A61B 2034/105** (2016.02 - EP US); **A61B 2034/107** (2016.02 - EP US); **A61C 1/084** (2013.01 - EP US)

Citation (search report)

- [I] WO 9926540 A1 19990603 - KLEIN MICHAEL [US], et al
- [A] US 2004175671 A1 20040909 - JONES TIMOTHY N [US], et al
- [A] US 2008112604 A1 20080515 - LLOYD CHARLES FREDERICK [US]
- [A] WO 2008145293 A2 20081204 - NOBEL BIO CARE SERVICES AG [CH], et al
- [A] WO 2007009719 A1 20070125 - MATERIALISE DENTAL NV [BE], et al
- [A] JP 3621146 B2 20050216
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2774577 A2 20140910; **EP 2774577 A3 20151118**; CN 104027177 A 20140910; TW 201434445 A 20140916; TW I548403 B 20160911; US 2014257763 A1 20140911

DOCDB simple family (application)

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